

Title (en)
CROSS-LINKERS AND THEIR USES

Title (de)
VERNETZER UND IHRE VERWENDUNG

Title (fr)
AGENTS DE RÉTICULATION ET LEURS UTILISATIONS

Publication
EP 2281006 A1 20110209 (EN)

Application
EP 09739779 A 20090430

Priority
• US 2009042267 W 20090430
• US 4929108 P 20080430
• US 14796609 P 20090128

Abstract (en)
[origin: WO2009134977A1] Charged or pro-charged cross-linking moieties and conjugates of cell binding agents and drugs comprising the charged or pro-charged cross-linking moieties and method of making the same.

IPC 8 full level
A61K 47/65 (2017.01); **A61K 31/5365** (2006.01); **C07D 207/46** (2006.01); **A61K 47/68** (2017.01)

CPC (source: EP IL KR US)
A61K 31/395 (2013.01 - IL); **A61K 31/425** (2013.01 - IL); **A61K 31/5365** (2013.01 - EP IL US); **A61K 39/395** (2013.01 - IL); **A61K 47/65** (2017.08 - EP IL US); **A61K 47/68** (2017.08 - KR); **A61K 47/6803** (2017.08 - IL); **A61K 47/6809** (2017.08 - EP IL US); **A61K 47/6849** (2017.08 - EP IL US); **A61K 47/6889** (2017.08 - KR); **A61P 1/04** (2018.01 - EP IL); **A61P 11/00** (2018.01 - EP IL); **A61P 13/08** (2018.01 - EP IL); **A61P 15/00** (2018.01 - EP IL); **A61P 17/00** (2018.01 - EP IL); **A61P 35/00** (2018.01 - EP IL); **A61P 35/02** (2018.01 - EP IL); **C07D 207/444** (2013.01 - IL); **C07D 207/46** (2013.01 - EP IL KR US); **C07D 401/12** (2013.01 - IL KR); **C07K 5/0202** (2013.01 - EP IL US); **C07K 5/06026** (2013.01 - EP IL US); **C07K 5/0806** (2013.01 - EP IL US); **C07K 5/0819** (2013.01 - EP IL US); **C07K 16/28** (2013.01 - IL US); **C07K 17/00** (2013.01 - IL); **Y02A 50/30** (2018.01 - EP US)

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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

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BA RS

DOCDB simple family (publication)
WO 2009134977 A1 20091105; AU 2009243010 A1 20091105; AU 2009243010 B2 20150205; BR PI0910746 A2 20160726; BR PI0910746 B1 20210406; BR PI0910746 B8 20210525; CA 2722696 A1 20091105; CA 2722696 C 20210810; CN 102076717 A 20110525; CN 102076717 B 20160203; CN 104524590 A 20150422; CN 104524590 B 20190621; CN 104524592 A 20150422; CN 104524592 B 20180605; DK 2281006 T3 20171106; EP 2281006 A1 20110209; EP 2281006 A4 20120919; EP 2281006 B1 20170802; EP 3266469 A2 20180110; EP 3266469 A3 20180328; ES 2648122 T3 20171228; HK 1246695 A1 20180914; HR P20171612 T1 20171215; HR P20171612 T2 20181228; HU E034763 T2 20180228; IL 208936 A0 20110131; IL 208936 B 20190228; IL 264672 B 20210531; IL 283205 A 20210630; JP 2011519864 A 20110714; JP 2015120721 A 20150702; JP 2017036300 A 20170216; JP 2018090587 A 20180614; JP 2019218350 A 20191226; JP 2021176864 A 20211111; JP 2023036868 A 20230314; JP 5769616 B2 20150826; JP 6021963 B2 20161109; JP 6267304 B2 20180124; KR 101764081 B1 20170801; KR 101764927 B1 20170803; KR 101892411 B1 20180827; KR 101985885 B1 20190604; KR 102114915 B1 20200525; KR 20110004889 A 20110114; KR 20160060781 A 20160530; KR 20170091762 A 20170809; KR 20180095739 A 20180827; KR 20190064666 A 20190610; KR 20200058590 A 20200527; KR 20210005318 A 20210113; KR 20210100223 A 20210813; KR 20220035504 A 20220322; KR 20230003298 A 20230105; KR 20230133952 A 20230919; LT 2281006 T 20171127; MX 2010011807 A 20110304; MX 347442 B 20170425; MX 359706 B 20181008; MY 157165 A 20160513; MY 186725 A 20210813; MY 197840 A 20230720; NO 2281006 T3 20171230; NZ 588884 A 20130531; NZ 610239 A 20141128; PL 2281006 T3 20180131; PT 2281006 T 20171206; RU 2010148743 A 20120610; RU 2503687 C2 20140110; SG 189811 A1 20130531; SI 2281006 T1 20171229; US 10494431 B2 20191203; US 11046762 B2 20210629; US 2009274713 A1 20091105; US 2013011419 A1 20130110; US 2014178416 A1 20140626; US 2015352223 A1 20151210; US 2017157264 A1 20170608; US 2018291100 A1 20181011; US 2020148764 A1 20200514; US 8236319 B2 20120807; US 8613930 B2 20131224; US 9061995 B2 20150623; US 9498541 B2 20161122

DOCDB simple family (application)
US 2009042267 W 20090430; AU 2009243010 A 20090430; BR PI0910746 A 20090430; CA 2722696 A 20090430; CN 200980125288 A 20090430; CN 201410749122 A 20090430; CN 201410754003 A 20090430; DK 09739779 T 20090430; EP 09739779 A 20090430; EP 17181981 A 20090430; ES 09739779 T 20090430; HK 18106522 A 20180518; HR P20171612 T 20171024; HU E09739779 A 20090430; IL 20893610 A 20101026; IL 26467219 A 20190205; IL 28320521 A 20210513; JP 2011507634 A 20090430; JP 2015016626 A 20150130; JP 2016196097 A 20161004; JP 2017244961 A 20171221; JP 2019124902 A 20190704; JP 2021114005 A 20210709; JP 2022209429 A 20221227; KR 20107026849 A 20090430; KR 20167012866 A 20090430; KR 20177021215 A 20090430; KR 20187023847 A 20090430; KR 20197015397 A 20090430; KR 20207014337 A 20090430; KR 20217000204 A 20090430; KR 20217024975 A 20090430; KR 20227007353 A 20090430; KR 20227043110 A 20090430; KR 20237031373 A 20090430; LT 09739779 T 20090430; MX 2010011807 A 20090430; MX 2014002587 A 20090430; MX 2017000162 A 20090430; MY PI20105030 A 20090430; MY PI2016000060 A 20090430; MY PI2021001270 A 20090430; NO 09739779 A 20090430; NZ 58888409 A 20090430; NZ 61023909 A 20090430; PL 09739779 T 20090430; PT 09739779 T 20090430; RU 2010148743 A 20090430; SG 2013030671 A 20090430; SI 200931755 T 20090430; US 201213542126 A 20120705; US 201314080377 A 20131114; US 201514713419 A 20150515; US 201615293579 A 20161014; US 201815911571 A 20180305; US 201916601065 A 20191014; US 43360409 A 20090430